

LESSON PLAN:		
Discipline: IT	Semester: 5th	Name of the Teaching Faculty: Ms.Supriya Mishra
Subject: Computer Graphics & Multimedia Lab	No. Of classes allotted per week: 4 periods per week Wed & Thurs(2 periods each)	Semester: From Date:15-09-2022 To 22-12-2022
WEEK	CLASS DAY	THEORY /PRACTICAL TOPICS
1st	21-09-2022	What is Graphics? Syllabus Discussion
	22-10-2022	GRAPHICS 1. Program to implement a line using slope intercept formula.
2nd	28-09-2022	2. Program to implement line using DDA algorithm.
	29-09-2022	3. Program to implement line using Bresenham's algorithm.
3rd	02-10-2022 – 09-10-2022	Puja Holiday
4th	12-10-2022	4. Program to implement circle using mid-point algorithm.
	13-10-2022	5. Program to implement translation of a line and triangle. 6. Program to implement rotation of a line and triangle.
5th	19-10-2022	7. Program to implement scaling transformation.
	20-10-2022	8. Write a program using function & Fill the Circle with Red color.
6th	26-10-2022	PHOTOSHOP 1. The concept of Photoshop. 2. How to open a document. How to save the document . 3. How to create a new document with the needed resolution.
	27-10-2022	4. How to select an area, copy and paste the selection.
7th	02-11-2022	5. How to save images for the web and their formats.
	03-11-2022	6. The use of layers and the history palette. How to print our document.
8th	09-11-2022	6. The use of layers and the history palette. How to print our document.
	10-11-2022	7. How to use the text editor. How to Crop Image in Photoshop & Sharpen Image?
9th	16-11-2022	8. Procedure to Removing & Adding Backgrounds images. Procedure to Convert Color Photos to Black & White.
	17-11-2022	9. How to Create a Passport size images? How to Change Eye Color& Hair Color?

10th	23-11-2022	10. How to Add Rain in Photoshop? How to make a GIFs File?
	24-11-2022	FLASH 1. Procedure to create an animation to represent the growing moon.
11th	30-11-2022	2. Procedure to create an animation to indicate a ball bouncing on steps.
	01-12-2022	3. Procedure to simulate movement of a cloud. Procedure to draw the fan blades and to give proper animation.
12th	07-12-2022	4. Procedure to display the background given (filename: tulip.jpg) through your name..
	08-12-2022	5. Procedure to design a visiting card containing at least one graphic and text information.
13th	14-12-2022	6. Procedure to prepare a cover page for the book in your subject area. Plan your own design. Procedure to adjust the brightness and contrast of the picture so that it gives an elegant look.
	15-12-2022	7. Procedure to position the picture preferably on a plain background of a colour of your choice - positioning includes rotation and scaling.
14th	21-12-2022	8. Procedure to type a word and apply the effects shadow embosses
	22-12-2022	Last Date to submit completed Practical Records